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Facsimile: 503-228-9446

**FAX TRANSMITTAL****DATE:** February 20, 2004**TO:** Examiner Manjunath N. Rao**FAX PHONE:** 571-273-0939**FROM:** Tanya M. Harding, Ph.D.**RE:** DESATURASES AND METHODS OF USING THEM FOR  
SYNTHESIS OF POLYUNSATURATED FATTY ACIDS**OUR FILE:** 4630-58963**YOUR FILE:** 09/857,583**NO. PAGES** 10 (including this cover page)**PLEASE ACKNOWLEDGE RECEIPT BY RETURN FACSIMILE?** ☐ Yes ☒ No**CONFIRMATION TO FOLLOW?** ☐ Yes ☒ No**CONTACT INFO:** If you do not receive all pages or if you have problems receiving transmittal, please call us at (503) 226-7391 as soon as possible and ask for Tanya M. Harding, Ph.D.**MESSAGE:**

Examiner Rao,

Thank you for providing us with your new fax number. Attached is a copy of the fax that was sent yesterday, to 703-308-4242. Please call me to let me know that this has reached you.

Thank you,  
Tanya

*Please scan and enter  
this amendment.  
D.K.W. Enter.  
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2/20/04*

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USPTO 2/19/2004 6:00 PM PAGE 1/001 Fax Server  
 O:Auto-reply fax to 503 228 9446 COMPANY:

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TO:

Fax Sender at 503 228 9446

Fax Information

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2/19/2004 5:58:27 PM [Eastern Standard Time]

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8 (including cover page)

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<p>TRANSMISSION #030-78963 333359.04 02/19/04</p> <p><b>KLARQUIST SPARKMAN, LLP</b>          15th Floor World Trade Center, 121 S.W. Salmon Street, Portland, Oregon 97204 U.S.A.          PHONE: 503-228-7391 FAX: 503-338-9446</p>																													
<p><b>PLEASE DELIVER DIRECTLY TO EXAMINER MANJUNATH N. RAO</b>          Fax No.: 703-746-5263 306 -4242          Total No. Pages: 8 including this cover sheet</p>																													
<p><b>Message:</b> Transmitted herewith for filing in the above-identified application is a Supplemental Amendment. Please contact the undersigned, to acknowledge receipt of this Amendment.          If you do not receive all pages or if you have problems receiving transmittal, please call Susan M. Milne at (503) 226-7391. The fee (large entity) has been calculated as shown below.</p>																													
<p>In re application of: Browne et al.          Application No. 09/857,583          Filed: August 17, 2001          Confirmation No. 6370          For: DESATURASES AND METHODS OF USING THEM FOR SYNTHESIS OF POLYUNSATURATED FATTY ACIDS          Examiner: Manjunath N. Rao          Art Unit: 1652          Attorney Reference No. 4650-58963</p>			<p><b>CERTIFICATE OF FACSIMILE</b>          I hereby certify that this page and the described referred to as being received and checked herewith are bona fide facsimile transmissions to the number 703-746-5263 as the date shown below.</p> <p>_____          Attorney          or Applicant          Date Transmitted February 19, 2004</p>																										
<p><b>FEE CALCULATION FOR CLAIMS AS AMENDED</b></p> <table border="1"> <thead> <tr> <th>For</th> <th>No. after amendment</th> <th>No. paid for previously</th> <th>Extra</th> <th>Rate</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>16</td> <td>- 27*</td> <td>=</td> <td>0</td> <td>\$18.00</td> </tr> <tr> <td>Indep.</td> <td>3</td> <td>- 4**</td> <td>=</td> <td>0</td> <td>\$60.00</td> </tr> <tr> <td colspan="5"><b>TOTAL FEE FOR THIS AMENDMENT</b></td> <td><b>\$78.00</b></td> </tr> </tbody> </table> <p>* number of country or number for which fee has been paid. ** number of three of number for which fee has been paid.</p>						For	No. after amendment	No. paid for previously	Extra	Rate	Fee	Total Claims	16	- 27*	=	0	\$18.00	Indep.	3	- 4**	=	0	\$60.00	<b>TOTAL FEE FOR THIS AMENDMENT</b>					<b>\$78.00</b>
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<p><input checked="" type="checkbox"/> No additional fee is required.  <input checked="" type="checkbox"/> Please charge any additional fees that may be required in connection with filing of this Supplemental Amendment to Deposit Account 02-4550.</p>																													
<p>_____          Tanya M. Harding, Ph.D.          Registration No. 42,630</p>			<p>_____          Date February 19, 2004</p>																										
<p>cc: Dockering</p>																													
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<p>PAGE 01 * RCVD AT 2/19/2004 5:58:27 PM (Eastern Standard Time) * SVR:USPTO-EFXXRF-20 * DNS:7468000 * CND:503 228 9446 * DURATION (mm:ss):01:40</p>																													

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(It was incorrect)

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**PLEASE DELIVER DIRECTLY TO EXAMINER MANJUNATH N. RAO****Fax No.:** 703-746-5263 308-4242**Total No. Pages:** 8 including this cover sheet**Message:** Transmitted herewith for filing in the above-identified application is a Supplemental Amendment. Please contact the undersigned, to acknowledge receipt of this Amendment.

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**In re application of:** Browse et al.**Application No.** 09/857,583**Filed:** August 17, 2001**Confirmation No.** 6370**For:** DESATURASES AND METHODS OF  
USING THEM FOR SYNTHESIS OF  
POLYUNSATURATED FATTY ACIDS**Examiner:** Manjunath N. Rao**Art Unit:** 1652**Attorney Reference No.** 4630-58963**CERTIFICATE OF FACSIMILE**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being facsimile transmitted to fax number 703-746-5263 on the date shown below.

Attorney  
for Applicant(s)

Date Transmitted February 19, 2004

**FEE CALCULATION FOR CLAIMS AS AMENDED**

For	No. after amendment	No. paid for previously	Extra	Rate	Fee
Total Claims	16	- 27*	= 0	\$18.00	\$ 0.00
Indep.	3	- 4**	= 0	\$86.00	\$ 0.00
<b>TOTAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>

\*greater of twenty or number for which fee has been paid. \*\*greater of three of number for which fee has been paid.



No additional fee is required.



Please charge any additional fees that may be required in connection with filing of this Supplemental Amendment to Deposit Account 02-4550.

Tanya M. Harding, Ph.D.  
Registration No. 42,630

February 19, 2004

Date

cc: Docketing

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PATENT

Attorney Reference Number 4630-58963  
Application Number 09/857,583

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Browse et al.

**Application No.** 09/857,583

**Filed:** August 17, 2001

**Confirmation No.** 6370

**For:** DESATURASES AND METHODS OF  
USING THEM FOR SYNTHESIS OF  
POLYUNSATURATED FATTY ACIDS

**Examiner:** Manjunath N. Rao

**Art Unit:** 1652

**Attorney Reference No.** 4630-58963

ATTN: EXAMINER MANJUNATH N. RAO  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

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I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being facsimile transmitted to: ATTN: EXAMINER MANJUNATH N. RAO, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, via Fax No. (703) 746-5263 on the date shown below.

Attorney  
for Applicant(s)

Date Mailed February 19, 2004

SUPPLEMENTAL AMENDMENT

This Supplemental Amendment is filed in response to telephone conversations with Examiner Rao on February 13, 2004, at which time the Examiner requested that the Applicants provide a supplemental amendment to clarify the language of certain claims. It is believed that no fee is required to file this paper. However, if the Commissioner determines that a fee is required in connection with this filing, deposit account authority is provided on the attached Transmittal Sheet.

Please amend the referenced application as follows:

**Amendments to the Claims** are reflected in the Listing of Claims, which begins on page 2.

**Remarks** begin on page 5.

**The Conclusions** are on page 7.